

3/13/2013 USER: joneal		9:46:58 AM	gplot-V8 gplotborder-V81-P0.tbl	M:\0006460 - I-85 Noise Walls - Coweta\DWG\0006460_51-001.dgn								STATE GA	PROJECT NUMBER CSWSL-0006-0014601	SHEET NO. 170	TOTAL SHEETS 244		
<div><div>SEDIMENT STORAGE</div><div>The site has a total disturbed area of 5.81 acres. The following table summarizes the required and available sediment storage for every outfall on this project. The Contractor shall provide and maintain the storage volumes for the BMP's specified in this table.</div></div> <div><div>In order to prevent runoff from bypassing inlet sediment traps, a temporary sump shall be installed around all inlet sediment traps that are not located in a low point or an excavated sump. Construct temporary sumps in accordance with Construction Detail D-24C. Temporary sumps shall be installed in a manner that ensures stormwater does not bypass the inlet. The Contractor may submit alternate temporary containment berm designs to the Project Engineer for approval.</div><div>For this project, not all required total sediment storage volumes can be provided. See the detailed comparison between required sediment storage volume and actual sediment storage volume in this table. The outfalls are being protected by ditch checks, inlet sediment traps, and silt fence in lieu of sediment basins that are not feasible or attainable for the project location.</div></div>																	
Stage I FINAL																	
Outfall ID	Location	Total Drainage Area (acres)	Disturbed Area (acres)	Required Sediment Storage Volume (yd³)	Total Storage Volume Provided (yd³)	Sediment Basins		Check Dam (# yd³/each)		Inlet sediment (# yd³/each)		Silt Fence (0.3 yd³/ft)		Comments			
						Pond #	Total Volume (yd³)	# of Devices	Total Volume (yd³)	# of Devices	Total Volume (yd³)	Length of Fence (ft)	Total Volume (yd³)				
O-1	102+73 RT	2.64	0.07	176.88	337.25	N/A	0.00	7	1.25	0	0.00	1120	336.00				
A-1	462+93 RT	3.78	0.55	253.23	51.39	N/A	0.00	15	13.79	4	5.20	108	32.40	Disturbed area is less than 1 acre, constructing a sediment basin at this outfall is impractical.			
O-2	477+84 RT	3.64	0.52	243.90	288.59	N/A	0.00	10	4.69	4	5.20	929	278.70				
A-7	490+00 RT	0.40	0.07	27.07	130.00	N/A	0.00	0	0.00	1	1.30	429	128.70				
A-8	494+00 RT	0.40	0.07	27.07	124.30	N/A	0.00	0	0.00	1	1.30	410	123.00				
A-9	498+00 RT	0.40	0.07	27.07	124.30	N/A	0.00	0	0.00	1	1.30	410	123.00				
A-10	502+00 RT	0.40	0.07	27.07	123.40	N/A	0.00	0	0.00	1	1.30	407	122.10				
A-11	506+00 RT	0.40	0.07	27.07	122.50	N/A	0.00	0	0.00	1	1.30	404	121.20				
A-12	510+00 RT	0.39	0.07	26.10	69.88	N/A	0.00	0	0.00	1	1.30	215	64.50				
O-3	511+75 RT	0.76	0.04	50.94	4.08	N/A	0.00	3	4.08	0	0.00	0	0.00	Disturbed area is less than 1 acre, constructing a sediment basin at this outfall is impractical.			
B-1	487+72 LT	0.68	0.07	45.56	46.60	N/A	0.00	0	0.00	1	1.30	151	45.30				
O-4	490+60 LT	2.64	0.14	177.19	131.80	N/A	0.00	0	0.00	1	1.30	435	130.50	Disturbed area is less than 1 acre, constructing a sediment basin at this outfall is impractical.			
B-3	495+00 LT	0.40	0.07	27.07	126.70	N/A	0.00	0	0.00	1	1.30	418	125.40				
B-4	499+00 LT	0.40	0.07	27.07	77.84	N/A	0.00	0	0.00	1	1.30	255	76.54				
O-5	501+41 LT	5.98	0.76	400.66	116.59	N/A	0.00	27	21.99	4	5.20	298	89.40	Disturbed area is less than 1 acre, constructing a sediment basin at this outfall is impractical.			
O-6	630+54 LT	8.54	0.28	572.18	69.59	N/A	0.00	6	1.29	2	2.60	219	65.70	Disturbed area is less than 1 acre, constructing a sediment basin at this outfall is impractical.			
C-3	632+73 LT	0.45	0.05	30.15	66.70	N/A	0.00	0	0.00	1	1.30	218	65.40				
C-5	634+44 LT	0.53	0.09	35.51	181.20	N/A	0.00	0	0.00	3	3.90	591	177.30				
								GEORGIA DEPARTMENT OF TRANSPORTATION				REVISION DATES		STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE: ROADWAY DESIGN ESPCP GENERAL NOTES			
												3-13-13			I-85 NOISE BARRIERS		
															DRAWING No. 51-05		